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A Science Service Feature

? WHY THE WEATHER ?

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GREENLAND REPORTS !

Last week the Weather Bureau began for the first time to receive regular weather reports direct from Greenland. The Danish station Julianehaab, latitude 61, a short distance northwest of Greenland's southernmost tip, Cape Farewell, is now sending an even more detailed report of its weather than the Weather Bureau usually receives from its own stations.

The first message, May 5, was "69042 10901". Decoded, this told of barometric pressure 769 millimeters (high pressure), wind northeast, force 2, first group of figures; and fair weather, temperature 9 degrees Centigrade (48 Fahrenheit), barometer steady, and weather fair since last observation, second group. These conditions were almost identical with those of Washington, D.C., at the same time.

In conjunction with the reports from Newfoundland, and from Iceland, Jan Mayen (350 miles northeast of Iceland) and Spitzbergen, received via Europe, it showed that the great high pressure area over the eastern half of the United States and Canada was only the southwestern end of an enormous stretch of high pressure extending apparently unbroken into the Arctic north of Europe! Put a string across your globe from Texas to Spitzbergen to see how far that is.

With the addition of southern Greenland, and, a year ago, of Fort Simpson in the Mackenzie River, at latitude 62, our North American daily weather maps have been notably extended. A large gap, however, still exists from latitude 49 in eastern Canada to the North Pole.

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